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TO:	FROM:
Commissioner for Patents	Rosalyn M. Espejo
COMPANY:	DATE:
U.S. Patent and Trademark Office	03/23/05
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
703-872-9306	22
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703-308-1202	858-202-4556

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RE:  
 Inventor: Kermani, Bahram Ghaffarzadeh  
 Serial No.: 10/809,608  
 Filing Date: March 24, 2004  
 Title: ARTIFICIAL INTELLIGENCE AND GLOBAL NORMALIZATION METHODS FOR  
 GENOTYPING  
 Docket No.: 01-00011  
 Confirmation No.: 7232  
 Examiner: Zhou, Shubo  
 Group Art Unit: 1631

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NOTES/COMMENTS:

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I, Rosalyn M. Espejo, hereby certify that this correspondence, including listed enclosures, is being transmitted by facsimile to the United States Patent and Trademark Office on March 23, 2005.

Signed: Rosalyn M. Espejo  
 Rosalyn M. Espejo

Attached is a Response to Office Action for the above-referenced patent application.

CONFIDENTIAL

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PAGE 1/22 \* RCVD AT 3/23/2005 5:57:23 PM (Eastern Standard Time) \* SVR:USPTO-EFXRF-1/1 \* DNIS:8729306 \* CSID:8582024802 \* DURATION (mm:ss):06:36

Our Docket No: 01-00011

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: )  
Kermani, Bahram Ghaffarzadeh ) Examiner: Zhou, Shubo  
Serial No.: 10/809,608 ) Group Art Unit: 1631  
Filed: March 24, 2004 ) Confirmation No.: 7232  
For: ARTIFICIAL INTELLIGENCE AND )  
GLOBAL NORMALIZATION METHODS )  
FOR GENOTYPING )

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Rosalyn M. Espejo

**TRANSMITTAL LETTER**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following:

Response to Office Action (17 pages).

Applicants claim small entity status.

Page 2 of 2

Inventor: Kermani  
 Serial No.: 10/809,608  
 Filing date: March 24, 2004

## PENDING CLAIMS

	No. of current claims	Highest number previously paid for	No. extra	Small entity fee	Other entity fee
Total claims	70	48	22	x 25 = \$ 550	x 50 = \$
Independent claims	3	4	0	x 100 = \$ 0	x 200 = \$
First presentation of multiple dependent claims	_____ yes	xx no		+180 = \$ 0	+360 = \$
Total additional fee				<b>\$ 550</b>	\$

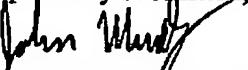
x The Commissioner is hereby authorized to charge \$550.00 (for additional claims) to Deposit Account No. 502960 (Order No. 01-00011). To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension fees, but excluding issue fees, to Deposit Account No. 502690 (Order No. 01-00011) and please credit any excess fees to such deposit account.

An additional copy of this transmittal is provided.

Please address all correspondence to:

John T. Murphy  
 Illumina, Inc.  
 9885 Towne Centre Dr.  
 San Diego, CA 92121-1975  
 (Customer No. 29389)

Respectfully submitted,



John T. Murphy, Reg. No. 50,583  
 Patent Agent

Date: March 23, 2005

Our Docket No: 01-00011

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Rosalyn M. Espejo

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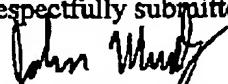
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Date: March 23, 2005

MAR 23 2005

Docket No.: 01-00011

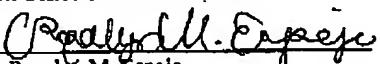
PATENT

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	Customer No.: 29389	
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RESPONSE TO OFFICE ACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed March 10, 2005, entry of the Amendments below and consideration of the following Remarks is respectfully requested.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 15 of this paper.